

PODLEWSKA, A.; PODLEWSKI, J.

New drugs. Farmacja Pol 20 no. 11/12:445-448 25 Je '64.

PODLEWSKA, A.; PODLEWSKI, J., dr.

New medicinal drugs. Farmacja Polska 18 no.10:245-247 My '62.

*

PODLEWSKI, J., dr

"Organicchemical drugs and their synonyms" by Martin Negwer. Reviewed
by J. Podlewski. Farmacja Pol 19 no.1/2:39 25 Ja '63.

PODLEWSKA, A.; PODLEWSKI, J., dr

New drugs. *Farmacja Pol* 19 no.7:133-134 10 Ap '63.

COUNTRY : POLAND II
 CATEGORY : Chemical Technology. Chemical Products and Their
 Applications. Pharmaceuticals. Vitamins. Antibiotics.
 ABS. JOUR. : RZhKhim., No 19, 1959, No. 68745
 AUTHOR : Podlowska, A.; Podlewski, J.
 INSTITUTE : -
 TITLE : New Medicinal Preparations.
 ORIG. PUB. : Farmac. polska, 1958, 14, No 22, 383-384

ABSTRACT : Presented are brief data pertaining to composi-
 tion, effect and application of new preparations: -
 Amphenon B - [chlorhydrate 3,3-bis-(n-aminophenyl)-
 -2-butanone], that suppresses function of supra-
 renal core and of thyroid gland. When injected
 intervenously, it acts as an anesthetic. "Pro-
 pressine" - a mixture of Mg-salts of dehydrocholine
 and of nicotinic acid has a sedative effect on the
 central nervous system, that lowers the tone
 of flat muscles and secretion of cholesterase.
 Sodium thiomarine (dipcardine, sodium mercapromerine-
 disodium salt of N-(γ -carboxymethylmercanto

Card: 1/2

PODLEWSKI, Jan K., dr.

"Chemistry of medicinal pharmaceuticals" by Stanislaw Rolski. Reviewed
by Jan K. Podlewski. Farmacja Polska 18 no.9:223 My '62.

PODLEWSKI, J.; PODLEWSKA, A.

New drugs produced in Hungary. Farmacja Pol 20 no. 3/4:
130-133 25 F '64.

PODLEWSKI, J. K.

Prof. Inz. Wladyslaw. Acta poloniae pharm. 8 no. 3:242-243 1951.
(CINL 21:3)

1. Obituary.

PODLEWSKI, J. K.

MD: Roswita susposita, cultivation, isolation of alkaloids,
preparation. J. K. Podlewski, *Farm. Polska* 11, 84-9
(1955).—A review with 30 references. E. H.

PODLUTSKI, STANISLAW

Rapsodia Zoliborska, Warszawa, Pax, 1957.

463 p. (His: Stolica Wolnosci)

1. PODLIASSKIY
2. USSR (600)
4. Machine-Tractor Stations
7. Superlative preparation for spring work. Les. khoz. 6, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PODLIKH, E., kand.tekhn.nauk

Students work for collective farms. Avt.dor. 28
no.8:29 Ag '65.

(MIRA 18:11)

PODLIKH, Eval'd Germanovich; KONKOVA, V.S., red.

[Investigating the adhesive coefficients of a motor car
tire with the pavement] Issledovanie koeffitsientov stseple-
niia avtomobil'noi shiny s pokrytiem. Moskva, Avtotransiz-
dat, 1963. 41 p. (MIRA 17:7)

PODLIKH, E.G., inzh.

Device for measuring the roughness of road pavements. Avt.dor.
25 no.11:6-8 N '62. (MIRA 15:12)
(Pavements--Testing) (Electric instruments)

L 62231-65 EWA(b)-2/EWA(j)/EWT(1) JK

ACCESSION NR: AP5021669

UR/0080/65/038/008/1842/ 1847
547.584

AUTHOR: Selyakh, I. V.; Podlineva, M. P.

TITLE: Development of a preparative method for sodium 3,6-endooxyhexahydrophthalate ("Endotal")

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 8, 1965, 1842-1847

TOPIC TAGS: defoliant agent, diene synthesis, chemical reduction, hydrogenation, phthalic acid, phthalic anhydride, bicyclic heterocyclic compound, oxabicyclic compound, catalytic hydrogenation

ABSTRACT: The exo-cis isomer of sodium 3,6-endooxyhexahydrophthalate ("endotal") is used as a defoliant for cotton plants. It is prepared in two steps: 1) Diels-Alder addition of maleic anhydride to furan, and 2) catalytic hydrogenation of the adduct. The difficulties encountered in the synthesis are associated with caking of the adduct in the absence of a solvent and with the conditions of hydrogenation. This work was aimed at the selection of a suitable solvent for the Diels-Alder addition and the development of both the batch method of hydrogenation and continuous reduction in a suspended catalyst layer. Previous work had shown that the physiologically active

Card 1/2

L 62231-65

ACCESSION NR: AP5021669

exo-isomer of the adduct is obtained only in nonpolar solvents. While satisfactory results were obtained by using benzene as solvent, the most advantageous solvent was found to be furan. The reaction time is reduced in furan; recycling of the solvent raises the yield from 87% to 98%. It was found that 5-10% is a suitable concentration of adduct for batch reduction with Raney nickel. A 3-4% excess of alkali must be maintained to prevent the formation of nickel salts. The best results were obtained with Ni/C (15% Ni). Raising the temperature to 60C cuts the reaction time by one-half. In continuous hydrogenation of the adduct in a fluidized catalyst bed it was found that the degree of hydrogenation depends on the feed rate of the hydrogenated solution. Raising the temperature to 55C makes it possible to increase the feed rate by a factor of 4. The anhydride of 3,6-endooxytetrahydrophthalic acid was found to be stable at 20-80C. Orig. art. has: 3 tables and 3 figures. [VS]

ASSOCIATION: none

SUBMITTED: 29Jun63

ENCL: 00

SUB CODE: 00, CB

NO REF SOV: 002

OTHER: 003

ATD PRESS: 4077

Cord 2/2

USSR / Diseases of Farm Animals. Arachno-Entomoses.

R

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7492

Author : Tselishcheva, L. M.; Malyshevskaya-Rushchits, A. S.;
Ismagilova, R. G.; Podlinnoy, I. S.; Krivko, A. M.

Inst : Kazakh Scientific Research Veterinary Institute

Title : The Effect of Apparatus-less Insecticidal Aerosoles
in the Form of Smoke Upon the Organism of Sheep

Orig Pub : Tr. Kazakhsk. n.-i. vet. in-ta, 1957, 9, 542-551

Abstract : No abstract given

Card 1/1

USSR/Human and Animal Physiology - Thermoregulation.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12556

St in calves of older ages (from 10 days and older) was more stable and varied according to the season. Dampness of the walls and floors in the spring fall, and winter caused unequal distribution of ST, local cooling, and fall in its general level. When the animals rested on damp litter (in the spring, fall, and winter), the ST in the region of the ensiform cartilage was 1 - 1.5 degrees lower than the temperature of the nape of the neck, and on dry litter it was higher than in the nape region. The highest level of the skin temperature was reached in the summer (31 - 33 degrees), the lowest in the fall (15.7 - 20 degrees). Such dynamics were related to seasonal changes of thermoregulation and metabolism of the animals. -- F.I. Mumladze

Card 2/2

- 23 -

PODLIPENSKIY, Viktor Semenovich; KRYZHANOVSKIY, O.M., doktor
tekh. nauk, retsenzent; YEREMEYEV, I.S., kand. tekhn.
nauk, retsenzent; IMAS, R.L., red.

[Contactless logical automatic control networks; fundamentals of their design] Beskontaktnye logicheskie skhemy avtomatiki; osnovy postroeniia. Spravochnoe rukovodstvo. Kiev, Naukova dumka, 1965. 214 p. (MIRA 19:1)

PODLINYAYEV, P.M.

Results of testing some preparations for controlling the
codling moth *Carpocapsa pomonella* and fruit mites in
Kirghizistan. Trudy VIZR no.20:19-20 pt.4 '64.

(MIRA 18:12)

USSR/Cultivated Plants - General Problems.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15459

Author : V.P. Podlinskyev

Inst : The Ukrainian Scientific Research Institute for Hydro-technics and Melioration.

Title : The Stubble Sowing of Crops with Irrigation in the South Ukraine.
(Pozhniivyye posevy sel'skokhozyaystvennykh kul'tur pri oroshenii na yuge Ukrainy).

Orig Pub : Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t gidro-tekhn. i melior., 1956, No 2, 28-30.

Abstract : The chief results are reproted of the research of the Brilevsk Scientific Research Station for Irrigation on the stubble sowing of corn, buckwheat, French beans, soya beans, Sudan grass. Japanese millet and sugar beets

Card 1/2

5

KUNDIYEV, Yu.I., kand.med.nauk; PODLINYAYEVA, M.Ye., nauchmyy sotrudnik

Individual protection in agricultural work involving poisonous chemicals. Fel'd. i akush. 28 no.8:6-9 Ag'63
(MIRA 16:12)

1. Iz Kiyevskogo instituta gigiyeny truda i professional'nykh zabolevaniy.

KUNDIYEV, Yu. I., kand. med. nauk; PODLINYAYEVA, M. Ye.

Individual safety measures in working with poisonous chemicals.
Zashch. rast. ot vred. i bol. 5 no.6:35-36 Je '60.
(MIRA 16:1)

1. Kiyevskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolevaniy.

(Agricultural chemicals---Safety measures)

PODOLINAYA, M.YE.

90. ANTIBACTERIAL ACTION OF CERT. ORGANOPHOSPHORUS COMPOUNDS. S. M. Vyazovskiy et al.	532
91. TREATMENT OF ARBID. INFECTIONS WITH DIMETHYL 8-ACETOXY-2,2,2-TRICHLOROETHYL- PHOSPHONATE (IP. PARATYP. 197). Z. G. Mikhaylova et al.	533 36
92. MECHANISM AND EXPERIMENTAL TREATMENT OF INFECTIONS CAUSED BY ORGANOPHOSPHORUS COM- POUNDS. L. G. Mikhaylova and I. V. Kozlov	545
93. EFFECT OF ADMIN. ON CONTRACTILE UTERINE ACTIVITY. L. V. Chuganova	555
94. EFFECT OF ALKYL ESTERS OF DITHIOL- AND DITHIOPHOSPHONIC ACIDS ON UTERINE CON- TRACTION (PREPARATIONS 131 AND 133). N. A. Korchagina	
PLANT PROTECTION SECTION	
95. CHOLINERGIC SYSTEMS OF INSECTS AND MECHANISM OF ACTION OF THE INSECTICIDAL ACTIVITY OF ORGANOPHOSPHORUS COMPOUNDS. A. E. Verbitskaya et al.	561
96. BIOLOGICAL ACTION OF ORGANOPHOSPHORUS COMPOUNDS. A. M. Alekseyev and T. E. Izotova . .	569
97. COMPARATIVE TOXICOLOGICAL PROPERTIES OF ETHANATHYL DITHIOPHOSPHONATE AND DIMETHYL DITHIOL DITHIOPHOSPHONATE. I. D. Mikhaylova et al.	570
98. EFFECT OF PREPLANTING TREATMENT OF CORN WITH ORGANOPHOSPHORUS COMPOUNDS ON THE GROWTH AND DEVELOPMENT OF THE PLANTS. T. E. Izotova et al.	583
99. ACTION OF ORGANOPHOSPHORUS COMPOUNDS ON SOIL MICROFLORA. S. M. Samosova et al. . . .	589
100. DITHIOPOS [DITHIOPHOS] - A VERY EFFECTIVE CONTROL AGENT FOR SUBTROPICAL PESTS. P. I. Mitrofanov	593
101. ORGANOPHOSPHORUS AEROSOLS FOR CONTROL OF AGRICULTURAL PESTS. A. I. Sidorov and P. I. Mitrofanov	597
102. STUDY AND APPLICATION OF ORGANOPHOSPHORUS COMPOUNDS FOR CONTROL OF BUTYRACETER. D. M. Paikin and N. M. Gampar	601
103. ORGANOPHOSPHORUS INSECTICIDES WITH INTRAPLANT ACTION AS A METHOD OF PROTECTING GRAIN SPROUTS FROM PESTS. P. V. Sazonov et al.	610
104. TESTS RESULTS ON M-81 PREPARATION IN CONTROL OF SUCKING PESTS OF FRUIT AND DECORATIVE PLANTS. M. P. Shabanova and L. P. Efimova	614
105. DETERMINATION OF SMALL AMOUNTS OF ORGANOPHOSPHORUS INSECTICIDES IN AIR AND FOOD PRODUCTS. M. A. Trotsenko	619
106. SORPTION OF ORGANOPHOSPHORUS INSECTICIDE VAPORS BY ACTIVATED CARBON. Yu. I. Kundiayev and M. E. Podlinayeva	625

Khimiya i Primeneniye Fosfororganicheskikh Soedineniy (Chemistry and Application
of Organophosphorus Compounds) A. Yo. Arbutov, Ed. publ. by Enzan' Affil, Acad. Sci.
USSR, Moscow, 1962 632pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of
Organophosphorus Compounds.

KUNDIYEV, Yu.I., kand.med.nauk; PODLINYAYEVA, M.Ye., nauchnyy sotrudnik

Measures for individual protection against chemicals. Zashch. rast.
ot vred. i bol. 7 no.1:40-41 '62. (MIRA 15:6)

1. Kiyevskiy institut gigiyeny truda i professional'nykh
zabolevaniy.

(Agricultural chemicals--Safety measures)

KUNLIYEV, Yu.I., kand. med. nauk; PODLINYAYEVA, M.Ye., nauchnyy
sotrudnik

Rendering harmless containers, premises, and transportation
means. Zashch. rast. ot vred. i bol. 6 no.11:33-34 N '61.
(MIRA 16:4)

1. Kiyevskiy institut gigiyeny truda i professional'nykh
zabolevaniy.

(Agricultural chemicals—Safety measures)

5(3)

AUTHORS:

Glikman, T. S., Podlinyayeva, M. Ye., SOV/79-29-6-4/72
Dain, B. Ya.

TITLE:

Spectrophotometric Investigation of Reversible and Irreversible Conversions of Sulfophthalocyanine of Iron (III) in Aqueous Solution (Spektrofotometricheskoye issledovaniye obratimyykh i neobratimyykh prevrashcheniy sul'foftalotsianina zheleza (III) v vodnom rastvore)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 6, pp 1785-1793 (USSR)

ABSTRACT:

The phthalocyanines belong to the small number of dyes which resemble, as to their structure, the natural pigments of the porphyrin class. In that connection many scientists tried to use these compounds as model of these pigments (Ref 1) in order to investigate more thoroughly the compounds of this kind if they are not combined with proteins. In this regard the iron phthalocyanines were of special interest; they are closely related with the hemins the part of which in the biological redox processes is well-known. The sulfonated derivatives of these dyes which are readily soluble in water show a number of interesting peculiarities which are based

Card 1/3

Spectrophotometric Investigation of Reversible and Irreversible Conversions of Sulfophthalocyanine of Iron (III) in Aqueous Solution

SOV/79-29-6-4/72

on the fact, that they are capable of reversible and irreversible reactions in the dark and especially in the light. Since the solutions of the sulfonated derivatives of the iron-phthalocyanine are intensely colored the spectrophotometric method is most suitable for their investigation. In this paper the results of this spectrophotometric investigation of aqueous solutions of these compounds, and of the conversions taking place in them are described. It was found that the aqueous solutions of the ferri-sulfo-phthalocyanine (III) represent systems in the state of a hydrolytic equilibrium. The hydroxide of the ferri-phthalocyanine (III) which is formed on hydrolysis is unstable and decomposes slowly and yields ferro-sulfophthalocyanine (II) and the free hydroxyl. Exposure to light accelerates this process. The formation of free radicals on standing of the solutions of ferri-sulfo-phthalocyanine (III) which had been outgassed in the vacuum was confirmed by introduction of polymerization chains. The spontaneous decomposition of the hydroxide is the cause of the labile behavior of the aqueous solutions

Card 2/3

Spectrophotometric Investigation of Reversible and Irreversible Conversions of Sulfophthalocyanine of Iron (III) in Aqueous Solution SOV/79-29-6-4/72

of sulfophthalocyanine of the trivalent iron and the cause of their slow decolorization in the air. There are 6 figures and 12 references, 3 of which are Soviet.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk Ukrainskoy SSR
(Institute of Physical Chemistry of the Academy of Sciences, Ukrainskaya SSR)

SUBMITTED: May 12, 1958

Card 3/3

PODLINYAYEVA, M. Ye.

USSR/ Chemistry - Physical chemistry

Card 1/1 Pub. 116 - 10/24

Authors : Glikman, T. S., and Podlinyayeva, M. Ye.

Title : About dark and photochemical reactions in the decomposition of water with a complex ion of iron(3)-o-phenanthroline

Periodical : Ukr. khim. zhur. 21/2, 211-214, 1955

Abstract : Comparative investigations were conducted to determine the behavior of aqueous iron(3)-o-phenanthroline sulfate solutions in conditions of total darkness and under the effect of light quanta. It is shown that the instability of the complex iron(3)-o-phenanthroline ion is connected with the process of its reduction which was observed as being slow in total darkness and much faster under the effect of light. The active light quanta corresponding to the absorption band for the complex ion were established at 595 mμ. The role of the reducing agent in dark and photochemical processes is explained. Four references: 2 USSR, 1 USA and 1 German (1898-1953). Graphs.

Institution : Acad. of Sc., Ukr. SSR, The L. V. Pisarzhevskiy Inst. of Phys. Chem.

Submitted : July 9, 1954

PODLINYAYEVA, M. Ye.
GLIKMAN, T.S.; PODLINYAYEVA, M.Ye.

The zinc oxide sensitized photoreduction of thionine and methylene blue. Ukr.khim.zhur. 22 no.4:478-484 '56. (MIRA 10:10)

1. Institut fizicheskoy khimii im. L.V. Pisarshevskogo AN USSR,
otdel fotokhimii.
(Photochemistry) (Thionine) (Methylene blue)

PODLINYAYEVA, M. Ye

The zinc oxide-sensitized photoreduction of thionine and methylene blue. T. S. Glikman and M. E. Podlinyaeva. Ukrain. Khim. Zhur. 22, 478-84 (1976) (Russian).
Methylene blue and thionine in 10^{-4} M. aq. soln. are photochemically reduced in the presence of ZnO. The quantum yield is 0.02-0. The presence of O₂ greatly reduces the rate of the ultimate yield of the leucoform by destruction of the dye itself and its reduced forms. In vacuo, a yield of 90-95% can be obtained, showing that it is not the result of a disproportionation. Unoxidized Zn in the ZnO cannot be the cause, as there is not enough. It is proposed that the reduction is at the expense of the OH⁻ on the ZnO-H₂O surface forming HO[•]. The HO[•] perhaps form H₂O₂, but this was not detected. They probably are destroyed partially by the dye and account for the fact that even under the best of conditions there is a loss of material. In the course of time the activity of the ZnO drops. In PhOMe and MeCN the activity is much less than in H₂O. J. H. S.

P. O. L. M. A. Y. E. V. A. M. Y. E.

27
The zinc oxide-sensitized photoreduction of thionine and methylene blue. T. S. Giltman and M. E. Podolsky. *Khim. Zhur.* 22, 478-84 (1960) (in Russian). Methylene blue and thionine in 10^{-4} M. ac. soln. are photochemically reduced in the presence of ZnO. The quantum yield is 0.02-3. The presence of O greatly reduces the rate of the ultimate yield of the leucoform by destruction of the dye itself and its reduced form. In vacuo, a yield of 90-95% can be obtained, showing that it is not the result of a disproportionation. Unoxidized Zn in the ZnO cannot be the cause, as there is not enough. It is proposed that the reduction is at the expense of the OH⁻ on the ZnO-H₂O surface forming HO[•]. The HO[•] perhaps form H₂O₂, but this was not detected. They probably are destroyed partially by the dye and account for the fact that even under the best of conditions there is a loss of material. In the course of time the activity of the ZnO drops. In PhOMe and MeCN the activity is much less than in H₂O. J. H. S.

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D

ACC NR: AR6035212

SOURCE CODE: UR/0274/66/000/008/A040/A040

AUTHOR: Podlipalin, B. I.

TITLE: Effect of meteorological conditions on ultrasonic wave propagation
Experimental investigation

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 8A297

REF SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 27, 1965,
101-106

TOPIC TAGS: ultrasonic wave propagation, atmospheric pressure, atmospheric
humidity, wind velocity

ABSTRACT: The effect of meteorological conditions on ultrasonic wave propagation
has been investigated. Measurements were made at distances of 37 to 200 km in
regions of West Siberia and Altay from 23 April through 1 December 1964. The
results indicate that an increase of atmospheric pressure and decrease of humidity
correspond to a higher signal level; at long distances, an intensified wind leads
to an increase of field intensity. For quantitative evaluation of the relationship of

Cord 1/2

UDC: 621.371.24

ACC NR: AR6035212

the field level with meteorological data, the correlation between the average signal level and the simplest meteorological parameters is calculated. It is noted that changes in the degree of heterogeneity of the troposphere and changes in the fringing field related to them arise with some delay with respect to the changes in wind velocity. Orig. art. has: 7 figures, 1 table and a bibliography of 3 titles. [Translation of abstract] [NT]

SUB CODE: 17/

Card 2/2

VILENSKIY, I.M.; PODLIPALIN, B.I.

Velocity of the vertical motion of the lower ionosphere. *Geomag. i aer.*
4 no.6:1072-1076 N-D '64. (MIRA 18:1)

1. Novosibirskiy elektrotekhnicheskiy institut svyazi.

L 19808-65 EWT(d)/E.T(1)/EEG(k)-2/EEG(v)/FCC/EEC-l/EEC(t)/EWA(h) Pn-l/Po-l/
Pe-5/Pq-l/Pg-l/Pae-2/Pt-10/Peb/Pi-l/Pl-l SSD/APWL/ASD(s)/RAE(c)/ESD(gs)/ESD(t)
ACCESSION NR: AP5000522 GW/WS S/0203/64/004/006/1072/1076

AUTHOR: Vilenskiy, I. M., Podlipalin, B. I.

TITLE: The speed of the vertical movement of the lower ionosphere ¹²

64
65
B

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 6, 1964, 1072-1076

TOPIC TAGS: lower ionosphere, ionosphere vertical movement, spectral analysis, solar eclipse, ionosphere electron concentration, space wave, ionosphere discontinuity, radiowave field tension, radio transmission

ABSTRACT: Spectral analysis of a recorded tension field of certain radio stations was used to determine the speed of the vertical movement of the lower ionosphere during the sunset and solar eclipse on February 15, 1961. The increasing (decreasing) altitude of the lower ionosphere boundary during the sunset (sunrise) is accompanied by a changing altitude of electron concentration. The establishment of the dynamics of these changes in the lower ionosphere is very important for the purpose of elaborating certain problems connected with the propagation of radiowaves in this region of the ionosphere and for analyzing the microprocesses taking place in it. All the spectrograms taken in the course of the experiments reveal that the highest peaks on them are diffuse rather than pointed, which is
Card 1/2

L 19808-65

ACCESSION NR: AP5000522

indicative of the presence of discontinuities and a horizontal component of the ionospheric movement. Orig. art. has: 7 formulas, 2 tables and 4 figures.

ASSOCIATION: Novosibirskiy elektrotekhnicheskiy institut svyazi (Novosibirsk Electrotechnical Institute of Communications)

SUBMITTED: 16Mar64

ENCL: 00

SUB CODE: ES, EC

NO REF SOV: 000

OTHER: 000

Card 2/2

PODLIPALIN, Yu.D.

Ability of some Black Sea fishes to orient themselves to the
source of sound. Vop.ikht. 2 no.4:721-724 '62. (MIRA 16:2)

1. Gor'kovskiy gosudarstvennyy universitet.
(Black Sea—Fishes) (Sense organs—Fishes)

PODLIPALINA, S.A.

Evaluation of the action of butadione in rheumatism and infectious arthritis with special reference to the results of a blood examination.
Zdrav. Kazakh. 22 no.2:31-36 '62. (MIRA 15:4)

1. Iz kafedry propedevtiki vnutrennikh bolezney (sav. - prof. M.A. Brener) Kazakhskogo meditsinskogo instituta.
(RHEUMATISM) (ARTHRITIS, RHEUMATOID) (BUTADIONE)
(BLOOD--EXAMINATION)

COMMON ELEMENTS																									
PERIODIC TABLE																									
METALLURGY																									
CA The decomposition of methane and ethylene from a mixture of hearth and coke gases in a regenerator. V. A. Yushin and V. P. Zhukovskiy. <i>J. Chem. Ind. (U. S. S. R.)</i> 15, No. 3, 45-7 (1938). --When mixts. of 80% hearth gas and 20% coke gas are heated at 1000-1200°, the C_2H_4 is not decompd. to C and H, and any C formed from C_2H_4 is burned away. Hence the regenerator cannot become clogged with soot. H. M. Lancaster 21																									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION INDEX GROUPS ALPHABETIC INDEX NUMERIC INDEX																									

PODLIPATEV, N.D.

Erythremia in children, Sov. med. no. 12:89 D 163. (MIRA 17:3)

1..Iz detского oddeleniya Mariyskoy respublikanskoy bol'nitsy.

PODLIPAYEV, N.D.

Erythremia in children. Vop. okhr. materin. dets. 8 no.1:89'63
(MIRA 17:2)

1. Iz detskogo otdeleniya Mariyskoy respublikanskoy bol'nitsy.

PODLIPAYEV, N.D.

Auscultative picture of the heart in young school children. Kaz.
med.zhur. 40 no.6:38-42 N-D '59. (MIRA 13:5)

1. Yoshkar-Ola, Mariyskaya ASSR (nauchnyy rukovoditel' - prof.
A.M. Kropachev).
(HEART--SOUNDS) (AUSCULTATION)

PODLIPAYEV, N.D.

Function of the cardiovascular system in young children of
school age. Vop.okh.mat. i det. 4 no.3:58-63 My-Je '59.
(MIRA 12:8)

1. Iz kafedry detskikh bolezney (zav. - prof.A.M.Kropachev)
Stavropol'skogo meditsinskogo instituta (dir. - prof.V.G.
Budylin).

(CARDIOVASCULAR SYSTEM--DIAGNOSIS)

PODIL'NICKII, S.

Combines (Agricultural Machinery)

Combine accessories for harvesting low lying grains. MTS 12 no. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 195²₁, Uncl.

PODLIPENSKIY, S.Ya., kand.tekhn.nauk

Reapers for the combine harvesting of grain in separate stages.
Trakt. 1 sel'khoz mash. 31 no.10:33-34 O '61. (MIRA 14:12)
(Grain--Harvesting)

PODLIPENSKIY, S.Ya., kand. tekhn. nauk

Training engineers for the manufacture of agricultural machinery.
Trakt. i sel'khoz mash. 33 no.9:46-47 S '63. (MIRA 16:10)

(Agricultural machinery industry)

PODLIPENSKIY, S.Ya., kandidat tekhnicheskikh nauk.

Improving the harvesting of grain crops. Sel'khoz mashina no.6:
16-20 Je '56. (MLRA 9:8)
(Harvesting machinery)

PODLIPENSKIY, S. Ya., kand. tekhn. nauk

Extension feeder for grain threshing machines. Mekh. i elek.
sots. sel'khoz. 19 no.3:36-39'61. (MIRA 14:6)

1. Khar'kovskaya optnaya stantsiya Ukrainского nauchno-issledovatel'skogo instituta mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

(Threshing machines)

PODLIPENSKIY, S. Ya

25712 PODLIPENSKIY, S. Ya Patsiona-Lizatsiya Vyazki Snopov Za Lobogreykami
i Samosbroskami Sov. Agronomiya, 1948, No. 7, S. 85-89

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

PODLIPENSKIY, S. YA
25712

Patsionalizatsiya Vyazki Snopov Za
Lobogreykami I Samosbroskami
Sov. Agronomiya, 1948, No. 7, S. 85-89

SO: LETOPIS NO. 30, 1948

1. PODLIPENSKIY, S.YA.
2. USSR (600)
4. Combines (Agricultural Machinery)
7. New reel for the "Stalinets-6" combine for harvesting lodged grain, Dost.sel'khoz.
no. 5, 1953

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

L-58518-65 EWT(a)/T Pg-4/Pn-4 IJP(c)

ACCESSION NR: AR5012991

UR/0044/65/000/003/V045/V045
519.95

SOURCE: Ref. zh. Matematika, Abs. 3V151

AUTHOR: Podlipenskiy, V. S.

TITLE: Concerning one engineering method of minimization of a function of algebraic logic

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 44, 1963, 156-171

TOPIC TAGS: algebraic logic, minimization, principal disjunctive normal form, conjunction

TRANSLATION: A procedure is proposed for minimization of functions which are first represented in principal disjunctive normal form (PDNF). An abbreviated DNF is first constructed, followed by construction of a minimal blind form. To reduce the trial volume in the construction of the abbreviated DNF, use is made of the property of decimal equivalents of conjunctions from PDNF. The decimal equivalents of the joinable conjunctions should differ from one another by a power of 2. The

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L 58518-65

ACCESSION NR: AR5012991

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terms of the higher orders are first joined, followed by investigation of the highest equivalent of the elementary conjunction and the lowest equivalent of the terms of the preceding junction. The concept of a single pattern for joinable conjunctions is introduced, and the form of a table for use in the elimination of repeated combinations of logical variables is proposed. The blind form is found by separating the kernel, followed by construction of a table of simple implicants. An example for five variables is analyzed in detail. Bibliography, 6 titles. R. M.

SUB CODE: MA

ENCL: 00

Lip
Card 2/2

L 58823-65

ACCESSION NR: AR5002374

S/0271/64/000/010/A004/A004
621.318.565

SOURCE: Ref. zh. Avtomat., telemekh. i vychisl. tekhn. Sv. t., Abs. 10A33

AUTHOR: Podlipenskiy, V. S.

TITLE: Contactless magnetic logical elements for automatic control systems

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 44, 1963, 172-180

TOPIC TAGS: contactless magnetic element, contactless logical element, automatic control

TRANSLATION: Magnetic logical elements intended for switching service in single-cycle automatic outfits are considered. Elementary functions of the algebra of logic are analyzed, and the possibility of constructing the devices with a minimum number of elements is considered. The minimum number of elements in a circuit can be achieved if a set of 16 elementary functions of the algebra of logic is used. Ten types of magnetic elements are suggested which permit synthesizing single-cycle circuits optimal from the viewpoints of economy, reliability, and speed. Each type realizes one function. The advantage of the above set of magnetic elements, as compared to a set of two element types plus an OR-gate, lies

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L 58823-65

ACCESSION NR: AR5002374

in the fact that the specialized elements reduce, in some cases, the number of diodes in the circuit. The magnetic elements are based on a high-speed halfwave magnetic amplifier. Some elements of the above type are produced by the Kalinin Electrical Equipment Plant. Four illustrations. Three tables. Bibliography: 4 titles.

SUB CODE: DP, EC

ENCL: 00

Card 2/2

PODLIPENSKIY, V.S. [Podlypens'kyi, V.S.] (Kiyev)

Method for synthesizing circuits with magnetic logic elements.

Avtomatyka 8 no.4:33-44 '63.

(MIRA 16:10)

L 63659-85 EWI(1)/EWA(h) GG

ACCESSION NR: AR5003337

B/0271/64/010/011/A000/A006
621.318.565

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika.
Svodnyy tom; Abs. 11A37

AUTHOR: Podlipenskiy, V. S.

TITLE: Method for constructing single-cycle circuits in a maximum system of magnetic elements

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 42, 1963, 21-30

TOPIC TAGS: logical system, single cycle logical system, magnetic logical element

TRANSLATION: A method is described for realizing the switching functions by logical-magnetic-element single-cycle circuits in a maximum system. The method is based on a Lyubchenko algorithm which permits representing a specified switching function as a formula for the above logical-element system. Any of the one- or two-place functions of the algebra of logic can be realized with the magnetic logical elements. Using all one- or two-place logical operations, in addition to the conjunction, disjunction, and inversion, permits more economical realization

Card 1/2

L 63659-65

ACCESSION NR: AR5003337

of the switching function of the system being synthesized. The magnetic logical elements are based on a high speed Raymie magnetic amplifier. Two types of magnetic logical elements and an OR-gate are sufficient for realizing any switching function in the maximum system. Six illustrations. Bibliography: 5 titles.

SUB CODE: DP, IE

ENCL: 00

llc
Card 8/2

[illegible]

MITKEVICH, V. (UW3DR); PODLIPNOV, Ye. (UA414537) (poselok Volzhskiy, Kuy-
byshevskaya obl.); ZHOMOV, Yu. (UA3FG); KROTOV, A.

Short waves. Radio no.2:10-11 F '64.

(MIRA 17:3)

PODLIPNY, J.

Industrial metal thyratrons. p. 229. ELEKTROTECHNICKY
OZOR. (Ministerstvo strojirenstvi a Ministerstvo paliv
a energetiky) Praha.
Vol. 45, no. 5, May 1956.

SOURCES: EEAL LC Vol. 5, No. 10, Oct. 1956

PODLIPNYY, B.I., otv. za vypusk; VERINA, G.P., tekhn.red.

[Rules for using railroad cars in international passenger and freight transportation (PPV), effective January 1, 1956, with amendments and additions, introduced as of January 1, 1958]
Pravila pol'zovania vagonami v mezhdunarodnom passazhirskom i zheleznodorozhnom gruzovom soobshchenii (PPV). Deistvuiut s 1 ianvaria 1956 goda s izmeneniami i dopolneniami, vvedennymi v deistvie s 1-go ianvaria 1958 g. Moskva, Gos.transp. zhel-dor. izd-vo, 1958. 82 p. (Tarifnoe rukovodstvo no.10/11-G).
(MIRA 12:9)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Cars) (Railroad law, International)

PODLEPNYY, B.V., otvetstvennyy za vypusk, VERINA, G.S., tekhn.red.

[Tariff manual. Rules for the use of railroad cars in international passenger and freight traffic, as of January 1, 1956, with amendments and supplements in force as of January 1, 1958] Tarifnoe rukovodstvo. Pravila pol'zovaniya vagonami v mezhdunarodnom passazhirekom i zheleznodorozhnom gruzovom soobshchenii (PPV). Delstvuyut s 1 ianvaria 1956 goda (s izmeneniyami i dop. vvedennymi v deistvie s 1-go ianvaria 1958 g.). Moskva, Gos.transp.zhel-dor. izd-vo Nos.10 and 11-9. 1958. 82 p. (MIRA 11:8)

1. Russia (1923- U.S.S.R) Ministerstvo putey soobshcheniya.
(Railroads--Traffic)

L 20925-66

ACC NR: AP6002577

(A)

SOURCE CODE: UR/0286/65/000/023/0070/0071

AUTHORS: Moshenskiy, F. T.; Podlipovskiy, Yu. P.

30
B

ORG: none

TITLE: Controlling unit for internal combustion engine control systems. Class 46, No. 176750 [announced by Kolomna Diesel Locomotive Construction Factory im. V. V. Kuybyshev (Kolomenskiy teplovozostroitel'nyy zavod)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 70-71

TOPIC TAGS: internal combustion engine component, engine control system

ABSTRACT: This Author Certificate presents a controlling unit for internal combustion engine control systems. The unit contains a housing with a drive mechanism from the master device, pneumatic feedback, and a shut-off unit. To increase the reliability, the drive mechanism is in the form of a double-armed lever acting on the shut-off unit through the feedback mechanism. The feedback mechanism has rods mounted on membranes which interact with the shut-off unit and the drive mechanism (see Fig. 1). The shut-off unit is in the form of a double-position pneumatic spring-loaded valve. Opening the valve feeds the output

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UDC: 621.43-525

L 20925-66

ACC NR: AP6002577

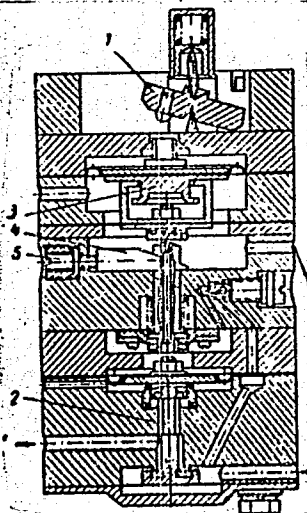


Fig. 1. 1 - drive mechanism;
2 - shut-off unit; 3 - feed-
back mechanism; 4 - wedge
thrust block; 5 - wedge
thrust block screw.

signal into the system and shutting off the valve connects the exhaust chamber to the atmosphere. To increase the accuracy of adjustment, the valve has a wedge thrust block with screw ~~used~~. Orig. art. has: 1 diagram.

SUB CODE: 21/ SUBM DATE: 10Mar64

Card 2/2 *KW*

PARFENOV, A.P., inzh.; PODLIPSKAYA, V.P., inzh.; MARKOV, L.S., inzh.

Using hydrosilicate, cement, and gypsum in stabilizing soils with
a high moisture content. Avt. dor. 23 no.10:10-12 0 '60.

(MIRA 13:10)

(Soil stabilization)

PODLIPSKIY, A.

We are striving for a title of honor. Rech.transp. 21 no.11:39
N '62. (MIRA 15:11)

1. Sekretar' partiynogo byuro Leningradskogo passazhirskego
agentstva.

(Inland water transportation)

PODLIPSKIY, Aleksandr Alekseevich

Steel trusses for roofs Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture,
1954. 141, 3 p. (55-36918)

TG500.P6

1. Roofs
2. Trusses

~~PODLIPSKIY~~ Aleksandr Alekseyevich; ZELYATROV, V.N., nauchnyy redaktor;
HERDICHENSKIY, G.I., kandidat tekhnicheskikh nauk, redaktor; TOKER,
A.M., tekhnicheskiy redaktor

[Steel trusses for roofs] Stal'nye prutkovye konstruksii pokrytii.
Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1954. 141 p.
(Roofs) (Trusses) (MLRA 8:3)

PODLIPSKIY, M.D., red.; ARKAD'YEVA, A.N., red.; SALAKHUTDINOVA, A.,
tekhn. red.

[The Third Congress of the Intelligentsia of Uzbekistan, January
25-26, 1962; verbatim report] Stenograficheskii otchet III
s"ezda intelligentsii Uzbekistana 25-26 ianvaria 1962 goda.
Tashkent, Gosizdat UzSSR, 1962. 218 p. (MIRA 16:6)

1. S"yezd intelligentsii Uzbekistana, 3d, Tashkent, 1962.
(Uzbekistan--Economic conditions) (Uzbekistan--Culture)

PODLIPSKY, V., inz.

High-voltage power distribution. Energetika Cz 12 no.7:Suppl.:
Energetika 12 no.7:20-21 '62.

L 41075-66 EWT(m)/T WW/JW/WE

ACC NR: AP6027598 (A) SOURCE CODE: UR/0318/66/000/007/0013/0016

AUTHOR: Mitrofanov, M. G.; Zmiyevskiy, P. K.; Podlipskiy, L. A.;
Ropyanaya, M. A.

ORG: Volgograd Petroleum and Gas Scientific Research Institute
(Volgogradskiy nauchno-issledovatel'skiy institut nefti i gaza)

TITLE: Removal of mercaptan sulfur from kerosine

SOURCE: Neftepererabotka i neftekhimiya, no. 7, 1966, 13-16

TOPIC TAGS: kerosene, jet fuel, desulfurization, mercaptan

ABSTRACT: A new process has been developed which makes it possible to remove all mercaptan sulfur from kerosine fractions from both low-sulfur and medium-sulfur crudes. The process involves extraction with caustic soda in the presence of methanol; mercaptan sulfur in the treated kerosine does not exceed 0.0005—0.0006%, which is well up to world standards. It is noted that the high content of mercaptan sulfur (as high as 0.01—0.02% versus the 0.005% permitted by the GOST standard) is a very serious problem at many Soviet refineries. In fact, certain refineries have been forced to shut off their production of kerosine because of failure to meet specification as to mercaptan content. Hydrofining is not a practical solution since high capital cost,

Card 1/2

UDC: 665.666:~~681.682.683~~:~~684~~-1

L 41075-66

ACC NR: AP6027598

shortage of hydrogen, and high cost of operation preclude its rapid and simultaneous introduction to a large number of plants. In contrast, the new process is simple and can be put on stream in a very short time, permitting kerosine production to be resumed at plants which lack hydrofining equipment and an adequate supply of hydrogen. The process has been proven on a laboratory scale and a flow sheet (given in original article) has been drawn up. [SM]

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 006/ ATD PRESS: 5056

Card 2/2 11b

PODLIPSKIY, V.

Filters and Filtration

Conversion of fast filter into one of the AKKh system, Zhil.-kom.khoz., 2 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952, Uncl.

1. PODLIPSKIY, V.
2. USSR (600)
4. Pipe
7. Asbestos-cement slotted pipes for the AKKh filter drainage system. Zhil.-kom.khoz. 3, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

PODLIPSKIY, V.

PODLIPSKIY, V.

Increase the output of water supply installations. Zhil.-kom.khoz.
4 no.4:13-14 '54. (MIRA 7:7)

1. Glavnyy inzhener Ufimskogo tresta vodokanalizatsii.
(Ufa--Water supply) (Water supply--Ufa)

SOKOLOV, V.F. ; PODLIPSKIY, V.A., laureat Stalinskoy premii.

Purifying water with bactericidal rays. Gor.khoz.Mosk. 28 no.11:
27-29 N '54. (MIRA 8:1)

1. Starshiy nauchnyy sotrudnik Akademii kommunal'nogo khozyaystva
im. K.D.Pamfilova (for Sokolov). 2. Glavnyy inzhener Vodokanal'tresta
g. Ufy, (for Podlipskiy).
(Water--Purification) (Ultraviolet rays)

PODLIPSKIY, Viktor Aleksandrovich, glavnyy inzhener; SHUBERT, Sergey Aleksandrovich, starshiy nauchnyy sotrudnik; SERGUYEV, M.P., redaktor; SOKOL'SKIY, I.P., redaktor izdatel'stva; ZHOROV, D.M., tekhnicheskiy redaktor

[Experience in using new equipment in the Ufa water supply system]
Opyt primeneniia novoi tekhniki na Ufinskom vodoprovode. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva BSSSR, 1956. 94 p.
(MLRA 10:2)

1. Ufinskiy trest "Vodokanalizatsiya" (for Podlipskiy) 2. Akademiya kommunal'nogo khozyaystva im. K.D.Panfilova (for Shubert)
(Ufa--Water supply)

PODLIPSKIY, V.

Hydraulic system of washing rapid filters. Zhil.-kon.khoz. 6 no.3:
25-26 '56. (MLRA 9:8)

1. Glavnyy inzhener Ufimskogo tresta "Vodokanal".
(Filters and filtration)

COUNTRY: USSR M
 CATEGORY: CULTIVATED PLANTS. Grains. Leguminous Grains.
 ARS. JOUR: Tropical Cereals.
 REF ZHUR: BIOLOGIYA, NO. 4, 1959, No. 15634
 AUTHOR: Podlinskyayev, V.P.; Soboleva, A.P.
 INST: Ukr. Sci. Res. Inst. of Irrigated Agriculture
 TITLE: Rice with Periodic Waterings.

ORIG. PUB.: Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t
 oroshayemogo zemled., 1957, No.3, 18-21
 ABSTRACT: Findings of eight-year experiments of the
 Brilevskaya experimental station. The highest
 crop-yield of rice, 35.4 centners/hectare,
 was obtained under irrigation (11 water-
 ings a season on the average) with the mean
 watering rate of 420 m³/hectare. In
 combatting contamination of sowings, the
 two-strip method is the most rational
 way of seeding. Soil moisture content at the
 30-cm layer must be maintained at a 60 %

CARD: 1/2

U 25651-66

ACC NR: AM6012107

Monograph

UR/ 21
B11

Podlipenskiy, Viktor Semenovich

Contactless logical automation circuits; construction principles.
A handbook (Beskontaktnyye logicheskiye skhemy avtomatiki; osnovy postroyeniya. Spravochnoye rukovodstvo) Kiev, Naukova dumka, 1965. 214 p. illus., biblio. (At head of title: Akademiya nauk Ukrainsskoy SSR) Errata slip inserted. 15,000 copies printed.

TOPIC TAGS: logic circuit, logic element, algebraic logic, computer logic, computer engineering

PURPOSE AND COVERAGE: This handbook, which is written in an easy language and not requiring advanced mathematical knowledge, is intended to provide a large circle of readers (scientific and technical personnel and students) with an understanding of the fundamentals of logic algebra; a series of effective methods for designing economical contactless logic circuits are given and some of the elements on which their construction is based are discussed. The book contains calculations and tables which will facilitate the design of contactless logic circuits.

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ACC NR:AM6012107

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Ch. IV. Contactless Logic Elements -- 190

1. Magnetic elements of logical action on the basis of R. A. Ramey's amplifier -- 191

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SUB CODE: 09/ SUBM DATE: 26Nov65/ ORIG REF: 081/ OTH REF: 017

Card 3/3 *fv*

ACC NR: AT6021739

SOURCE CODE: UR/0000/66/000/000/0160/0164

AUTHOR: Oganov, K. A.; Podlisker, G. S.

ORG: none

TITLE: Using pneumatic computing devices to optimize pyrolysis

SOURCE: AN SSSR. Institut avtomatiki i telemekhaniki. Pnevmoavtomatika (Pneumatic automation). Moscow, Izd-vo Nauka, 1966, 160-164

TOPIC TAGS: pneumatic device, pneumatic computer, pneumatic control system, industrial automation

ABSTRACT: The development of industrial pneumatic automation makes it possible to solve a large number of problems involving control of industrial plants in the chemical industry. Experience in the industrial use of pneumatic computing devices in a chemical plant has been described in the literature. This article presents the machine equations for computing

$$P_a = \frac{k_1 P_{\Delta P_s} (k_3 P_{P_s} + c_1) (k_3 P_{P_t} + c_3)}{c_3 P_{\Delta P_s}}; \quad (1)$$

$$P_s = \left[\frac{c_1^2 (k_3 P_{P_s} + c_3)}{(k_3 P_a + c_1) k_1 \sqrt{P_0}} - c_1 \right]; \quad (2)$$

$$P_p = k_3 (P_t + k_3 P_{P_{0.06}} - c_3); \quad (3)$$

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$$P_{\Delta t} = (P_{t \text{ opt}} - k_{10} P_t + c_9); \quad (4)$$

$$P_{\mu} = (k_{11} P_{\Delta t} + c_{10}); \quad (5)$$

$$P_{\mu \text{ lim}} = (k_{12} P_{\mu \text{ opt}} + c_{11}); \quad (6)$$

$$P_{\mu s} = \beta P_{\mu \text{ opt}} + (1 + \beta) P_{\mu \text{ lim}} \quad (7)$$

where

$$\beta = \begin{cases} 1 & \text{when } P_{\mu \text{ opt}} < P_{\mu \text{ lim}} \\ 0 & \text{when } P_{\mu \text{ opt}} > P_{\mu \text{ lim}} \end{cases}$$

$$P_{a \text{ opt}} = \left[(c_{13} - k_{13} P_{\Delta t}) \left(\frac{P_{Q_3}}{c_{13}} + 1 \right) \right]^{\frac{1}{n}} \frac{1}{c_{14}} \quad (8)$$

In the equations, P denotes pneumatic signals proportional to the magnitudes indicated by the subscripts, k indicates scalar factors, and c represents constants in terms of mm Hg. The system proposed and tested by the authors showed great operational reliability; its dial accuracy is 1--2% for linear operations and 2--4% for non-linear. Savings resulting from use of the system substantially exceed the costs of developing and introducing it. Orig. art. has: 8 formulas and 6 figures.

SUB CODE: ^{07/}12-13/ SUBM DATE: 03Feb66/ ORIG REF: 002

Card 2/2

AMBARTSUMOV, P.A.; RZAYEVA, S.B.; PODLISKER, Ye.B.; Primali uchastiye:
BUYNITSKAYA, V.L.; AKOPOVA, Ye.N.; VLADIMIRSKAYA, G.I.; MAMEDOVA, S.P.

Using chromatographic methods for controlling the production
of bivinyll from butane. Sbor. nauch.-tekh. inform. Azerb.
inst. nauch.-tekh. inform. Ser. Nefteper. i khim. prom.
no.2:30-34 '62. (MIRA 18:9)

1. Institut neftekhimicheskikh protsessov AN AzerSSR (for
Buynitskaya, Akopova, Vladimirskaia, Mamedova).

PODLOGAR, Drago, ing.

The railroad station safety equipment. Automatika 2 no.5:276-280
N '61.

PODLOUCKY, J.

Industry of Yugoslavia. Sbor zen 69 no.4:320-322 '64.

PODLOUCKY, J.

"The population of Bulgaria"

p. 247 (Geographical Institute, Slovak Academy of Sciences) Vol. 9, no. 4, 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol, 7, no. 5, May 1958

PODLOUCKY, M., inz.

Ten years of the Research Institute for Optics and Precision
Mechanics of the Meopta Prerov National Enterprise. Jemna
mech. opt. 8 no.11:329-331 N'63.

PODLOVCHENKO, B.I.; IOFA, Z.A.

Chemisorption of ethanol and acetaldehyde on platinum and the
effect on it of the supporting anions. Zhur. fiz. khim. 38
no.1:211-214 Ja'64. (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PODLOVCHENKO, B.I.; GORGONOVA, Ye.P.

Composition of products chemisorbed on the surface of platinized platinum in methyl alcohol solution as determined by the method of charging curves. Dokl. AN SSSR 156 no. 3:673-676 '64.
(MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom A.N.Frumkinym.

PODLOVCHENKO, B.I.

Processes occurring on a platinized platinum electrode introduced
into solutions of C_2H_5OH , $n-C_3H_7OH$, and $n-C_4H_9OH$. Elektrokimiia
1 no.1:101-106 Ja '65. (MIRA 18'5)

1. Moskovskiy gosudarstvennyy universitet.

KHIRA LAL; PETRIY, O.A.; PODLOVCHENKO, B.I.

Role of adsorption of intermediate reaction products in the
electrooxidation of methanol in an acid solution. Elektrokhimiya
1 no.3:316-320 Mr '65. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PODLOVCHENKO, B.I.; PETRIY, O.A.; FRUMKIN, A.N., akademik

Nature of the minimum observed on the potential displacement
curves of a platinized platinum electrode when organic substances
are introduced. Dokl. AN SSSR 153 no.2:379-382 N '63.
(MIRA 16:12)

PODLOVCHENKO, B.I.; PETRIY, G.A.; GORONOVA, Ye.P.

Potentials of a platinized platinum electrode in a steady state
in methanol solutions. *Elektrokhimiya* 1 no.2.182-187 P. 196.
(MIRA 18:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PODLOVCHENKO, B.I.; KHIRA LAL; PETRIY, O.A.

Simultaneous chemisorption of hydrogen and methanol on a platinized platinum surface. Elektrokhimiya. 1 no.6:744-748 Je '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

FRUMKIN, A.N., akademik; PODLOVCHENKO, B.I.

Nature of platinum electrode potentials arising in ethanol solutions. Dokl. AN SSSR 150 no.2:349-352 My '63. (MIRA 16:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Electrodes, Platinum) (Ethanol) (Electromotive force)